DOCKET NO.: ISIS-5582 **Application No.:** 10/510,667

Office Action mailed: April 24, 2007

AMENDMENTS TO THE CLAIMS: This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) An oligomeric compound having the formula:

$$C_1$$
 C_1
 C_2
 C_3
 C_4
 C_4
 C_4
 C_4
 C_4
 C_4
 C_4
 C_5
 C_4
 C_5
 C_5
 C_6
 C_7
 C_8
 C_7
 C_8
 C_8
 C_8
 C_8
 C_8
 C_9
 C_9

wherein:

each Bx is, independently, a heterocyclic base moiety;

T₂ is hydroxyl, a protected hydroxyl, an oligonucleotide or an oligonucleoside;

 T_1 is a modified phosphate having the formula:

$$\begin{bmatrix} Q_1 \\ HO - P - Q_3 \\ Q_2 \\ M \end{bmatrix} \qquad \begin{array}{c} O \\ HO - P - Q \\ S \\ M \end{array}$$

wherein

one of Q₁ and Q₂ is S and the other of Q₁ and Q₂ is O;

[[Q₃]] Q is OH or CH₃ when Q₂ is S and CH₃ when Q₂ is O;

 R_1 , R_3 and each R_2 are, independently, hydrogen, hydroxyl, a sugar substituent group, group or a protected sugar substituent group or said modified phosphate group;

each X_1 and X_2 is, independently, O or S wherein at least one X_1 is S; and Page 2 of 6

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n is from 3 to 48.

- 2-3. (canceled)
- 4. (currently amended) The oligomeric compound of claim 1 wherein [[Q₃]] Q is CH₃.
- 5-10. (canceled)
- 11. (original) The oligomeric compound of claim 1 wherein R₁, R₃ and each R₂ is hydrogen.
- 12. (original) The oligomeric compound of claim 1 wherein R₁, R₃ and each R₂ is hydroxyl.
- 13. (previously presented) The oligomeric compound of claim 1 wherein R_1 , R_3 and each R_2 are, independently, hydrogen, hydroxyl, a sugar substituent group or a protected sugar substituent group.
- 14. (original) The oligomeric compound of claim 1 wherein at least one of R_1 , R_2 or R_3 is an optionally protected sugar substituent group.
- 15. (original) The oligomeric compound of claim 1 wherein each X_2 is S.
- 16. (original) The oligomeric compound of claim 1 wherein each heterocyclic base moiety is, independently, adenine, cytosine, 5-methylcytosine, thymine, uracil, guanine or 2-aminoadenine.
- 17. (original) The oligomeric compound of claim 1 wherein n is from about 8 to about 30.
- 18. (original) The oligomeric compound of claim 1 wherein n is from about 15 to 25.

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19. (withdrawn) A method of treating an organism having a disease characterized by the

undesired production of a protein comprising contacting the organism with an oligomeric

compound of claim 1.

20. (previously presented) A composition comprising:

a pharmaceutically effective amount of an oligomeric compound of claim 1; and

a pharmaceutically acceptable diluent or carrier.

21. (withdrawn) A method of modifying in vitro a nucleic acid, comprising contacting a test

solution containing RNase H and said nucleic acid with an oligomeric compound of claim 1.

22. (withdrawn) A method of concurrently enhancing hybridization and RNase H activation in a

organism comprising contacting the organism with an oligomeric compound of claim 1.

23. (withdrawn) A method comprising contacting a cell with an oligomeric compound of claim

1.

24-41. (canceled)